ITCS-3181 Lab. Spring-2011

Lab Guidelines

This document contains lab guidelines and the format in which the assignments are to be submitted and some important points regarding the assignments.

1. Most of the lab work is done individually and there might be a few group projects or assignments and the group consists of at most two students.
2. You are supposed to occupy the same system for the rest of your lab sessions, so make sure that you sit beside your lab partner. So that when there is a group project you can work with your partner with out changing places.
3. Attendence is taken in each lab, if you are absent often, you will fail the lab even if you do all your assignments correctly.

Assignment Submission Format.

Format: The document should contain these sections in the following order:

1. A cover page: Which contains the Name of the student, course, the title of the assignment, Due date and Operation date.
2. Purpose: Describes the purpose of the assignment.
3. Analysis: What you analysed.
4. Schematic: The schematic should always contain the custom components and not the library components.
5. Command File: The code you used to generate the simulation.
6. Timing Diagram: Theoutput file, which shows the simulation.
7. Appendix: Contains all the components(building blocks) you used in the assignment along with the command file you used to test them and the timing diagram you got.

Note: Steps 4, 5, 6 are to be repeated for every new building block.
Important Points:

1. All design/building-blocks must use real components, thus, the timing diagram must reflect the delay. Although before submission it is suggested that built-in components should be used to check the functionality of the design before replacing it with the real component for submission.

The above requirements should be followed for all the assignments, unless it is mentioned otherwise in the assignment.